

## ABSTRACT OF DISCLOSURE

A method and apparatus to execute a pre-boot application within an emulated pre-boot environment to test functionality of the pre-boot application. The emulated pre-boot environment is executed within a user mode of an operating system (“OS”) during an OS runtime of the processing system. The pre-boot application interacts with a hardware device of the processing system via a kernel proxy agent. The kernel proxy agent executes in a kernel mode of the OS.